

EXPERIMENT SET-UP FOR SEQUENTIAL MULTI-BEAM LASER PROCESSING OF MATERIALS

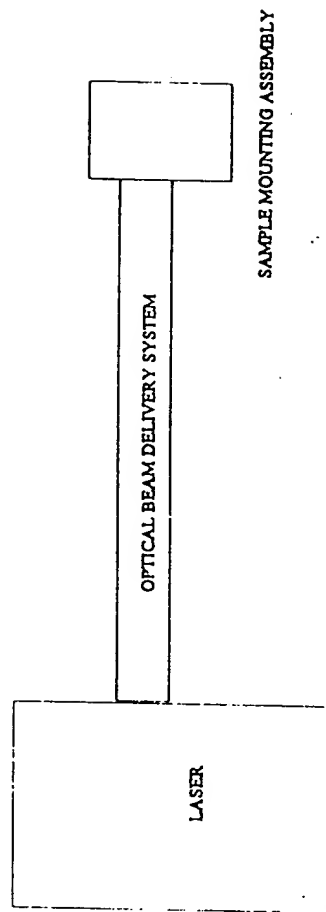


FIG. 1

Attorney: J. M. (Mark) Gilbreth

Reg no.: 33,338

Docket: 23354/49

Express mail: EM 561 728 723 US

Sheet 1 of 5

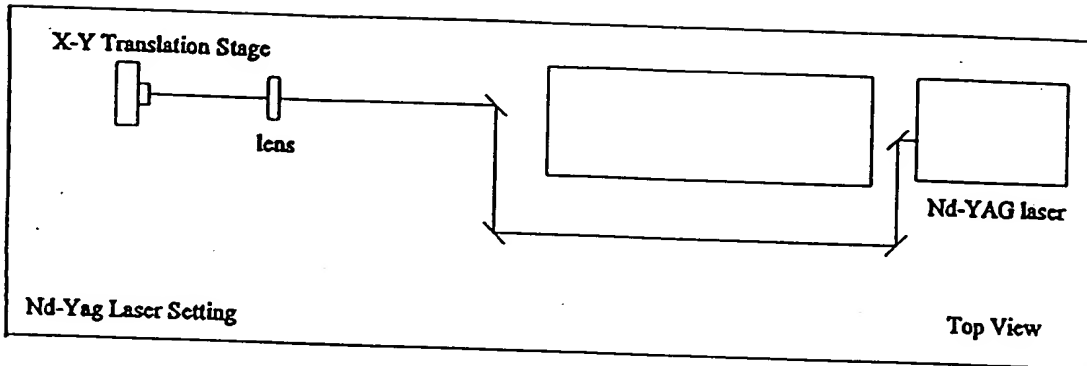


FIG. 3A

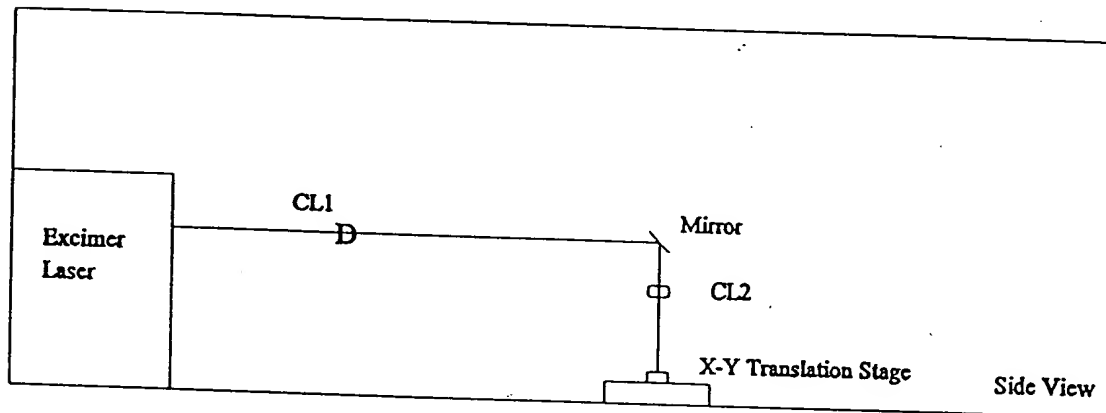
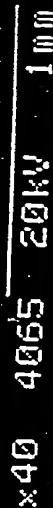


FIG. 3B

FIG 4B



DT 91A
F16 4D

Scanning Electron Micrographs of diamond surface a) original; b) after Nd-YAG laser; c) after excimer laser; d) after Nd-YAG and excimer lasers

Figure 4

Attorney: J. M. (Mark) Gilbreth
Reg no.: 33,338
Ticket: 23354/49
Express mail: EM 561 728 723 US
Sheet 4 of 5

BEST AVAILABLE COPY

[illegible]

FIG. 5B



FILED

FIG. 3C

Scanning Electron Micrographs of diamond surface a) original; b) after Nd-YAG laser; c) after excimer laser; d) after Nd-YAG and excimer lasers

BEST AVAILABLE COPY

Express mail: EM 561 728 723 US